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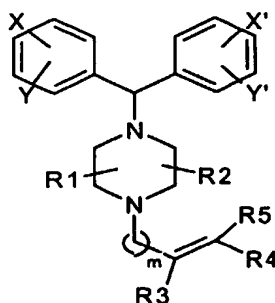
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[Continued on page 2]

(54) Title: 4-(DIARYLMETHYL)-1-PIPERAZINYL DERIVATIVES



(I)

(57) Abstract: A compound of formula (I) wherein X, Y, X' & Y' are selected from hydrogen, halogen, substituted or unsubstituted alkyl (linear, branched or cyclo), aryl, alkyloxy and haloalkyl group; R1, R2, R3 & R4 are selected from hydrogen, substituted or unsubstituted alkyl groups (linear, branched or cyclo), aryl, heteroaryl groups or aralkyl groups, heterocycles containing one or more of hetero atoms (viz., N, S, O), substituted or unsubstituted alkenyl or alkynyl groups of carbon 2 to 6, wherein the substituents R1 & R2 on the piperazinyl moiety are either syn or anti to each other and optionally R3 and R4 together with the carbons to which they are attached form a monocyclic saturated or aryl or substituted aryl or heteroaryl or substituted heteroaryl ring containing one or more hetero atoms selected from N, S and O with a ring size ranging from 3 to 6; with a proviso that when R3 & R4 together do not form part of a ring they may exist in either E or Z configuration; R5 is (CH₂)_n-O-CH₂-CO-Z wherein n is 1 to 6; Z is selected from OH, OR, NRR', N(OR)R', N(R)-N(R)R' and wherein R & R' are selected from hydrogen, substituted or unsubstituted alkyl groups (linear, branched or cyclo), aryl, heteroaryl groups or aralkyl groups, heterocycles containing one or more of hetero atoms (viz., N, S, O), substituted or unsubstituted alkenyl or alkynyl groups of carbon 2 to 6; and B is selected from -(CH₂)_n- (n is 1 to 6) and -(CH₂)_x-D-(CH₂)_y where D is O, NR, S or SO₂, x and y are independently 1 to 6; and m is selected from 1 to 6; and pharmaceutically acceptable salts thereof.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: C07D 295/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN (Karlsruhe), CAS: REGISTRY and CA databases, EPOQUE: WPI, PAJ and EPODOC databases

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/29016 A1 (SALSBURY CHEMICALS, INC.) 26 April 2001 (26.04.01) <i>claims.</i>	1,19
A	FR 2082168 A (ARIES R.) 10 December 1971 (10.12.71) <i>claims.</i>	1,19

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

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„&“ document member of the same patent family

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Information on patent family members

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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
FR	A5	2082168	10-12-1971	none	
WO	A	129016		none	